APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030011-9

DOK AK NAUK SSSR Vol LXIV, No 6, 3 pp, 1949

"B-Spectrum of Au^{198}"

B. S. Czhelepov
A. A. Bashilov
A. V. Solotavin
N. M. Anton'yeva

Done by Brookhaven
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Vol 2, No 6, Page 191

P-3-P0C (?)

29/49T99

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Influence of Pressure on the Hydrolysis of 2, 5-Diketopiperazine and Formation of Polypeptide Bonds, by A. M. Polyakov and L. F. Vereshchagin, 2 pp.

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Cleavage of Lignin by Sodium in Liquid Ammonia, by N. N. Shorygina, T. Ya. Kefeli, A. F. Semechkina, 7 pp. UNCLASSIFIED

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Lavrent'ev, M. A. and Ishlinskii, A. Yu.
DYNAMIC FORMS OF LOSS OF STABILITY OF AN ELASTIC SYSTEM. [1961] [7]p. 1 ref.
Order from OTS or SLA $1.10 62-10162

Trans. of Akad[emiya] Nauk SSSR. Doklady, 1949, v. 64, no. 6, p. 779-782.
Another trans. is available from OTS $1.10 as AD-264 148, STL-TR-61-5110-41, Aug 61, 7p.

DESCRIPTORS: *Dynamics, Structures, *Elasticity, Pitot tubes, Rods, Fluid mechanics, Pressure, *Motion, Axially symmetric flow, Harmonic oscillators, Equations, Differential equations, Polynomials, Integral equations, Matrix algebra, Vibration, Deformation, Plastic flow.

A study is made of the dynamic behavior of fundamental forms which have been subjected to compression. It is
(Mechanics, TT, v. 7, no. 9) (over)

62-10162

I. Lavrent'ev, M. A.
II. Ishlinskii, A. Yu.

Office of Technical Services

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Two-Dimensional Lamb's Problem for Infinite Elastic Layers, Narrow Parallel Planes, by G. Petrashen, 6pp.

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~~for~~ Amer Meteorol Soc
T-R-407

Sci - Earth Sci & Ast
11 Jul 63

NRL Ref: 7773.75 1964 (T-R 407)
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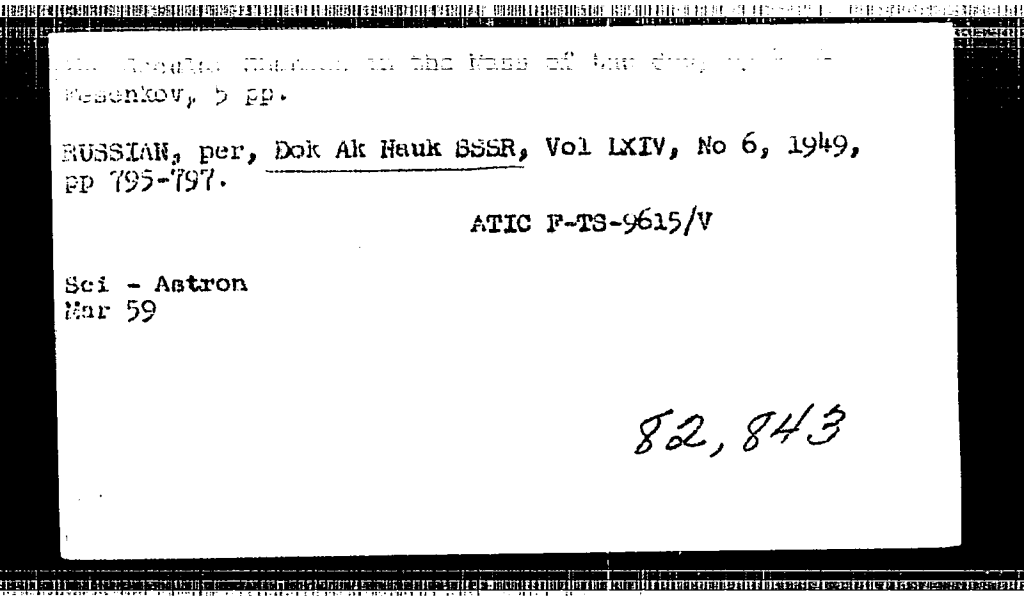

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Beta Spectrum of Au^{198}. by V. S. Dzelepov, A. A. Bashilov, A. V. Zolotavin and N. M. Aonton'eva

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See Upton, New York State: Brookhaven National Laboratory.

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On the Heterogenicity Of the Specific Antigen Of Tumorous Cells by L.A. Zilber and N.V. Nartsissov.

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Surface Tension of Eutectic Alloys

Brubaker Trans 2316, $2.00

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Solution of a Problem in Probability theory Connected With the Problem of the Mechanism of Stratification.
by Kolmogorov, A. N

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"Distribution of Radium Between Fusion and Crystals of Nonisomorphic Salts"

V. R. Klokman

Done by Brookhaven
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Absorption of Light by Thin Layers of Silver Halide Salts, by B. Barshchevskiy, 9 pp.

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Distribution of Radium Between the Melt and Crystals of Nonisomorphic Salts by V. R. Klokman and V. G. Khlopin

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S-5116 (DC-278?)

Theory of Multimolecular Adsorption, by A. A. Zhukhovitskiy, R. M. Rubinshteyn, 6 pp.

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The Minimum Quantities, Detectable from X-ray Diffraction Patterns of Crystalline Substances in Mixtures With Amorphous Substances

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The "echanism of Diffusion in Solid Solutions of Substitution"

T.A. Levedev

AEC Tr 298
Brookhaven

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"The Rules of Selection for Beta-Disintegration"

N. V. Zvolinskiy

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On the Differentiation Of Nuclear Nucleoproteins Of Tumorous and Normal Cells by L.A. Zilber and others.

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Selection Rules for Beta Disintegration, by V. S. Dubolepov.

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13 214 Ca-1

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On the mechanism of diffusion in solid solutions of substitutions

Dokl. Akad. Nauk SSSR, 65, No. 2, 163-165 (1949)

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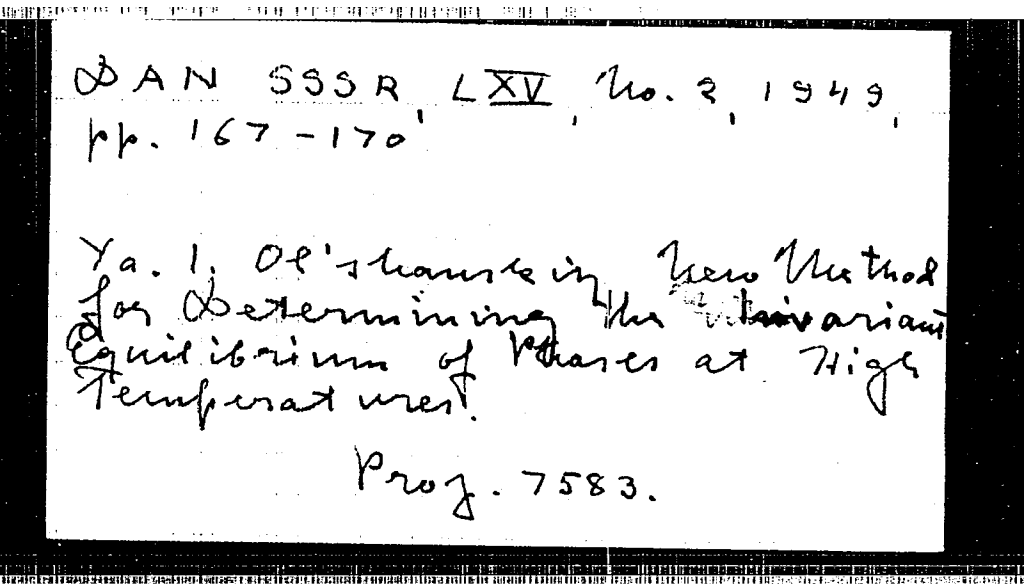

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On Antibodies To the Specific Antigen In Animals Affected With Tumors by N.V.Nartisissov and L.A. Zilber.

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Adhesion of Microscopic Particles to Solid Surfaces in Liquids, by G. I. Fuks, V. M. Klychnikov, E. V. Tsyganova, 7 pp.

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Materials for the Systematics of Mites of the Genus Tyrophagus Ouds., 1923, (Tyroglyphidae, Acarina), by V. I. Voglgin.

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(FDD 27580)

The Question of Chemical Mediators of Pain, by S. D. Balakhovskiy, D. Ye. Ryvkina, 5 pp.

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Sci - Medicine, physiology

36863

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The Activity of Cholinesterase in the Tissues and Blood Serum, by T. V. Pravdich-Neminskaya, 10 pp.

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USSR

Sci - Medicine, physiology

36864

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Early Stages in the Development of Priapulus Caudatus, by L. Zhinkin.
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"A Model for Bacterial Photosynthesis"

A. A. Gurevich

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"The Chemical Nature of Certain Unstable Substances in the Green Leaves of Plants"

AP 527 530

A. M. Kuzin
R. Ya. Shkol'nik

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List dated 20 Jan 1950

KT-134

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Some Regularities in Changes of Gas Exchange in Anopheles Pupae, by V. I. Olifan, 10 pp.

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"The Importance of Unstable Peroxides From the Green Leaves of Plants for Photosynthesis"

A. M. Kuzin
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"Special" Showers of Cosmic Rays, by S. Azimov, N. Birge
A. Gorbunov.

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Study of the Structure of Broad Atmospheric Showers of Cosmic Rays, by G. Ya. Artyukhov, L. Kh. Eydus.

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Spectral Distribution of the Natural Light Sensitivity of Silver Halide Photographic Emulsions, by I. I. Breydo, Yu. N. Gorokhovskiy, 9 pp.

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Nezlin, M. V., Rozental', L. L. and Slavatinskiy, S.A.
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Avail at BNL AECtr 471 29 June 5,
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CRREL 68-T-16

R-9152-D
9 Feb 68

The problem of Geometrical Selection of Crystals
By: A. N. KOLMOGOROV
From : book Akademiia Nauk SSSR, Doklady, 65(5), 1949
pp 681-684 (4 pp)

Russian - ext for wds:

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The Lower Titanium Oxides in Slag of the Aluminothermic Process, by N. S. Belyankin.

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Possibly Consultants Bureau Tr Zhur Obshch Khim, Vol XXI, # Jan 1951

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DAN SSSR, Vol LXV, No 5, pp 709-10.

S. M. Katchenkov, Detection of Boron in Petroleum Ashes.

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N-Oxides of Alkaloids of the Plant Senecio Platyphyllus, by L. Areshkina.

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CSIRO 3769

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Mar 62

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APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030011-9

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About the Importance of Unstable Peroxides of Green Leaf of Plant for Photosynthesis, by A. M. Kuzi R. Ye. Shkolnik, 9 pp.

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Sci Trans Center RT-135

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Jan 54 CMS 8680

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030011-9

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A New Genus of Dasycladacea From the Middle Carboniferous of the Moscow Tectonic Valley, by I. V. Khvorova,

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXV, No 5, 1949, pp 749-752.

ATS RJ-1047
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On the Magnetostriction of Iron-Platinum Alloys, by N. S. Akulov, Z. I. Alizade, K. P. Belov.

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Scientific - Min/Metals $1.85

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NLL 11.2842
NRL Tr 226

Scientific - Astronomy T-222 R 4184
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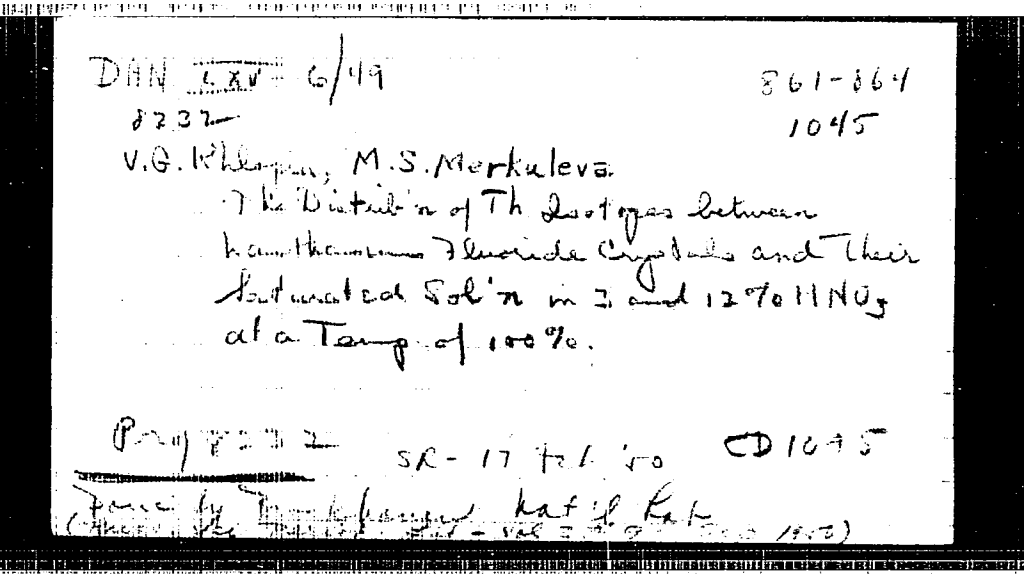

DAN CXV 6/49 861-864
8232 1045
V.G. Khlopin, M.S. Merkuleva.
The Distribution of Th Isotopes between
Anhydrous Fluoride Crystals and their
Saturated Sol'n in 2 and 12% HNO_3
at a Temp. of 100°.

Proj 8232 SR-17 to L-10 CD 1045
(Trans. by Technicopy Ltd. from Russian original - Vol 2 of Radiochemistry (1950))

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030011-9

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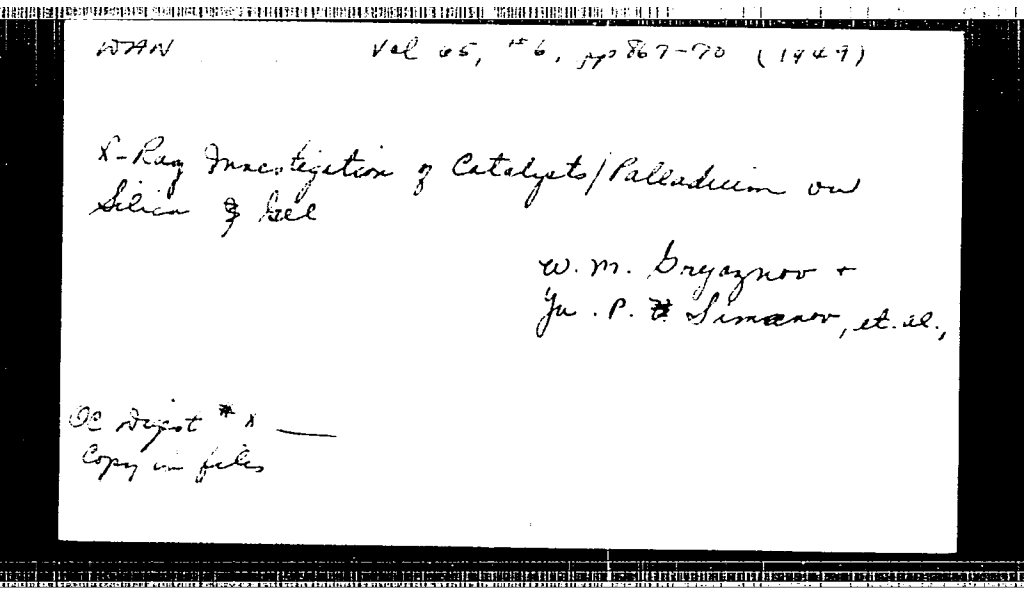

ZZAN Vol 65, #6, pp 867-70 (1947)

X-Ray Investigation of Catalysts/Palladium on Silica Gel

W. M. Bryazgnov + Yu. P. Simanov, et. al.

DC Dept * 1
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S-178/60 (NY-4836).

Ignition of Explosive Gaseous Mixtures in Shock Waves, by Ya. B. Zel'dovich, I. Ya. Shlyapintokh, 9 pp.

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JPRS 5781

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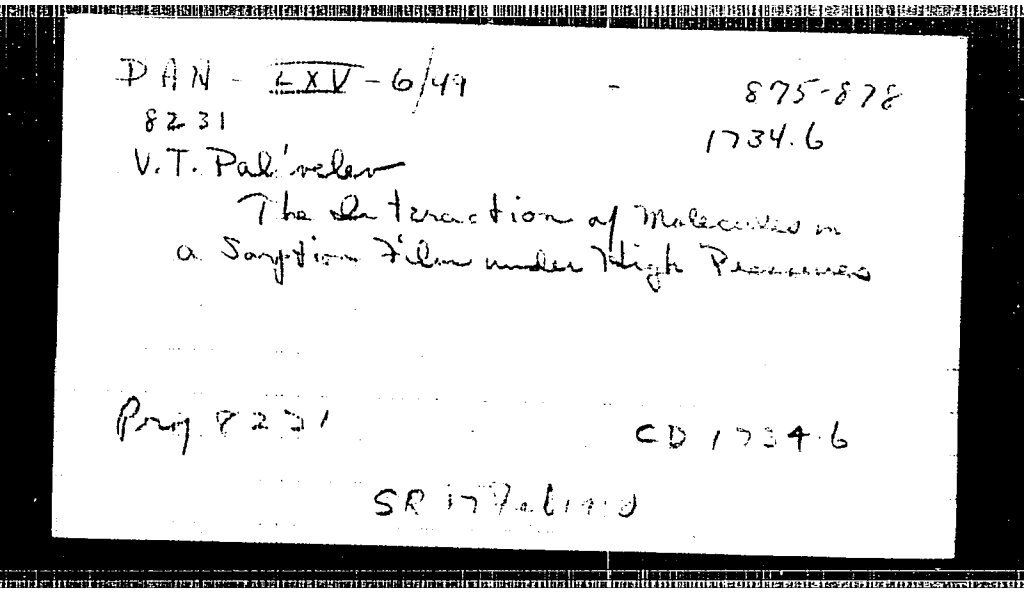

PAN - ~~EXV~~ - 6/49 - 875-878
8231 1734.6
V.T. Pal'mer
The Interaction of Molecules in
a Sorption Film under High Pressures

Prog. 8231 CD 1734.6

SR in Italics

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Phase Transitions of the Second Order and the Ehrenfest Equation, by V. A. Sokolov

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AEC Tr 1130

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APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030011-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030011-9

DOK AK NAUK SSSR Vol LXVI, No 1, 3½ pp, 1949

"Pressure Pulsations in Turbulent Flow"

A.M. Obukhov

Done by G.B. 14/65 (P21452T)
Sci Index Aero
May 1950, 10 pp

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50/49T89

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Observation of the Region of the Galactic Center in the Infrared, by A. A. Kalinjak, V. I. Krasovskiy, V. B. Nikonov, 8 pp.

RUSSIAN, ~~XXXX~~ thrice-mo per, Dok Ak Nauk, Vol XLVI, No 1, 1949, pp 25-28.

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APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030011-9

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Luminescence of Phosphors Having a Layer Lattice Structure, by G. P. Malin, 9 pp.

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Scientific - Chemistry
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APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030011-9

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The Level of Electric Fluctuation in an Oscillating Circuit, by E. Ya. Pumper, UNCLASSIFIED

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Sci Tr Center
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Method of Investigation of the Microstructure of Photocathodes by an Electron Microscope, by A. I. Primer, I. G. Sinitsknya, 7 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXVI, No 1, 1949, pp 49-51.

CIA/FDD/X-1190
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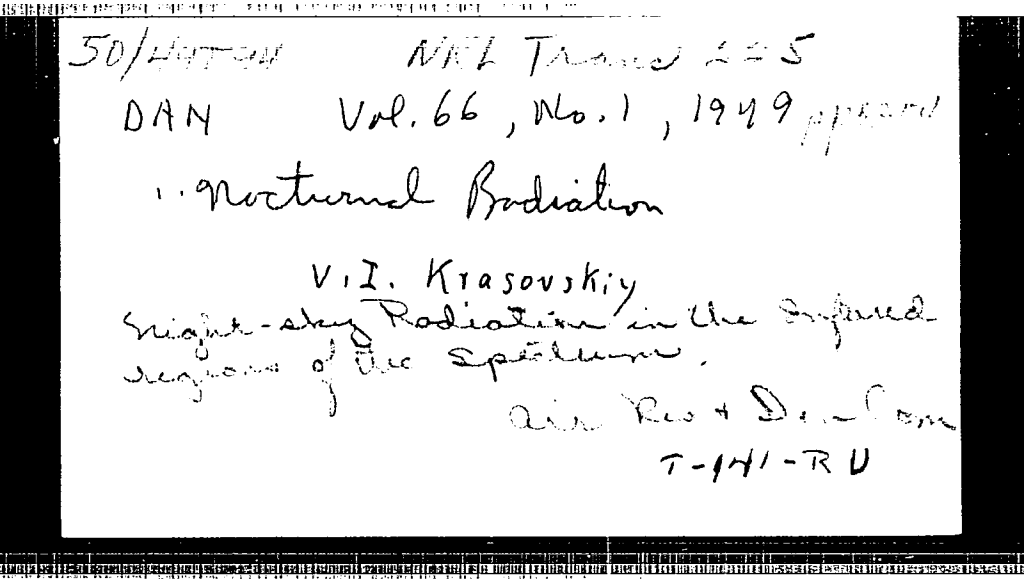

50/Hoffman NRL Trans 225

DAN Vol. 66, No. 1, 1949 pp 25-27

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V.I. Krasovskiy

Night-sky Radiation in the Infrared Regions of the Spectrum.

Air Res + Dev Com

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Visual Photometric Measurements at Low Brightness, by A. A. Vol'kenshteyn, A. A. Gershun, 6 pp.

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APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030011-9

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Hydraulic Activity of Granulated Slags, by Toropov, Volkonskiy.

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Co-op Tr Sch Tr 775
NLL n1.46
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Feb 58

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Isotopic Composition of Sulfur in Meteorites and in Terrestrial Specimens, by A. Trofimov, 6 pp.

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Sci Tr Center
FT-3971

Sci - Astronomy
Sep 56 CTB/dcr

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Ultraviolet Emitting Phosphor, by V. V. Zelinskiy, T. V. Timofeeva, 6 pp.

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Heat Capacity of Bound Water, by P. I. Andrianov, 7 pp.

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Method of Preparing Replicas From Given Submicroscopic Sections of Large Surfaces, by I. I. Tret'yakov, A. B. Shekhter, 7 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXVI, No 2, 1949, pp 231-233.

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CTS/DEK

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030011-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030011-9

Enzymatic Formation of Glycine From Serine, Threonine, and Other Oxy-Amino Acids in Animal Tissues, by A. E. Braunshtein, G. Ia. Vilenkina, 10 pp.

Full translation.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXVI, No 2, 1949, pp 243-246.

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APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030011-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030011-9

Lobov, M. F.
THE PROBLEMS INVOLVED IN METHODS OF DETERMINING THE WATER REQUIREMENTS OF PLANTS UNDER IRRIGATION (K Voprosu o Sposobakh Opredeleniya Potrebnosti Rastenii v Vode pri Polivakh). [1962] [7]p. 6 refs.
Order from OTS or SLA $1.10 62-10745

Trans. of Akademiya Nauk SSSR. Doklady. 1949, v. 66, no. 2, p. 277-280.

DESCRIPTORS: *Water supplies, *Irrigation systems, *Plants, Physiology.

(Agriculture, TT, v. 8, no. 10)

62-10745

1. Lobov, M. F.

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APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030011-9

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030011-9

DOK AK NAUK SSSR Vol LXVI, No 3, 3 3/4 pp
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"Observation of the Magnetic Effect of Meteors by the Induction Method"

A. G. Kalashnikov

Done by Sci Mus Lib
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52/49T44

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030011-9

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DOK AK NAUK SSSR Vol LXVI, No 3, 4 pp, 1949

"Photochemical, Mercury-Sensitized Oxidation of Ethane"

A. B. Nalbandyan

AEC/BNL/tr-126

52/49T17

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030011-9

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Suleimanova, Kh. R.
STOCHASTIC MATRICES WITH REAL CHARACTERISTIC NUMBERS. [1962] 6p. 2 refs.
Order from OTS or SLA $1.10 62-20325

Trans. of Akademiya Nauk SSSR. Doklady, 1949, v. 66, no. 3, p. 343-345.

DESCRIPTORS: *Real variables, Numbers, *Probability, Matrix algebra.

The paper formulates results related to the determination of the conditions for which the specified set of n numbers is the set of characteristic numbers of some n-th order stochastic matrix.

(Mathematics, TT, v. 9, no. 12)

62-20325

I. Suleimanova, Kh. R.

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Mass of the Atmospheric Trace of the Sikhote-Alin Meteorite, by V. G. Fesenkov, 3 pp. UNCLASSIFIED

RUSSIAN, thrice mo per, Dok Ak Nauk, SSSR, Vol LXVI, No 3, 1949, pp 359-360, Encl to T-133-R, OCOA, 242,

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Def Sci Info Svc
T 133 R
AROC - X10-00C

USSR -
CIA 2524727
Scientific - Geophysics, Astronomy

16,924

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Note on the Theory of Alloys, N. S. Akulov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXVI, No 3, 1949, pp 361-364.

Brutcher Tr 2505

Scientific - Min/Metals $2.45

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Kinetics of Ingot Solidification, by V. M. Breitman.

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Brutcher Tr No 2401

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Scientific - Min/Metals

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Diffraction of a Spherical Electromagnetic Wave From a Thin Conical Surface of Finite Dimensions, by R. G. Mirimanov, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXVI, No 4, 1949.

SLA TR R-699

Sci - Electricity

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Aug 57

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First Discovery of Triassic Bryozoans in the USSR, by V. P. Makhorashev.

RUSSIAN, per, Dok Ak Nauk SSSR: Geologiya, No 3, 1949, pp 449-451.

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Tolstoi, N. A. and Feofilov, P. P.
ON SOME ELECTROOPTIC PHENOMENA IN COLLOIDS. [1962] 9p.
Order from K-H $11.25 K-H 8921 c

Trans. from [Akademiya Nauk SSSR. Doklady] 1949, v. 66, no. 4.

DESCRIPTORS: *Photoelectric effect, *Colloids, Photochemistry.

(Chemistry--Physical, TT, v. 9, no. 9)

62-22797

I. Tolstoi, N. A.
II. Feofilov, P. P.
III. K-H-8921-c
IV. Kresge-Hooker Science Library Associates, Detroit, Mich.

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A Note on the Minimal Condition for Sub-Groups,
by V. S. Charin.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXVI,
No 4, 1949, pp 575-576.

NLL REE 2073

Sci - Misc

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ODING, G. A.

Doklady Akademii Nauk Ssar, vol. 66, 1949,
No. 4, pp. 585-587; 3 figures, 800 words.

Increase in Temperature of Work During Machining.

Brutcher Trans, Order No. 2351, $ 1.60.

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030011-9

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Effect of Trapped Electron States Upon the Dielectric Permeability of Crystallophosphors, by E. I. Adirovich, 6 pp.

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CIA/FDD/X-1263

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Angular Distribution of Protons in Reactions $O^{16}(d,p)O^{17}$ and $Al^{27}(d,\bar{p})Al^{28}$., Yu.A. Memilov and B.L. Funshteyn

RUSSIAN, Dok Ak Nauk SSSR, Vol 66, No 4, 1949, pp 609-12

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Scientific

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New Observations on the Luminescence of ~~XXXX~~ Zinc Sulfide, by N. Ril', G. Ortman, 8 pp.

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CTS/DEK

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Formation of Luminescence Centers in ZnS-Cu Luminophores, by A. A. Cherepnev, T. S. Dobrolyubskaya, 5 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXVI, No 4, 1949, pp 621-623.

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Dependence of the Absorption, Excitation and Photo-luminescence Spectra of KI-Tl Phosphor Sublimate Upon the Concentration of the Activator, by K. V. Shalimova, 8 pp.

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Investigation of Process of Ingot Solidification With Reference to Temperature Distribution, by V. N. Bruiman.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXVI, No 4, 1949, pp 633-636.

Brutcher Tr No 2402

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Scientific - Min/Metals $2.55

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030011-9

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On a New Phase in the System Aluminium-Silicon-Lithium, by E. A. Boom, 2 pp.

RUSSIAN, per, Doklady Akad. Nauk SSSR, Vol LXVI, Apr 1949, pp 645, 646.

S.L.A. Tr 57-50

Sci - Engineering
May 57

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